48/2018-19.

Executive Engineer
Tarayanapura Division
Dhanka Zone, B.B.M.P.
Bangalore-560092
04/6

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

JOB CODE: 009-18-000026.

No. B 494701

P-1771

Est. cost: 25.0 lakhs

Serial No. ..... Improvements to drains at Ravishankar Guruji school 4th Block HMT Layout in

Name of Work ... Ward no: 9, Vidhyaranyapura. From ..... To .....

Name of Contractor of nature of Agency ..... Sri. Gopireddy.

Date of commencement of work ... BBMP/EE/BTP/WO/63/2018-19, Date: 24.07.2018.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Excavation for road drains and similar works involving an average horizontal throw upto 2m and an average lift upto 0.5m excavated surface leveled and sides neatly dressed The disposed earth to be leveled neatly after breaking of clods etc, complete as per specifications and directions of Engineer in charge of the work.					Earthwork Excavation by manual means in ordinary soil	
	This Qty is Recorded in premeasurements in this MB, Vide Page no: 494779 to 494780 as 123.52 m³ @ Rate Rs 178.00/m³						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2)	Removing and Refixing stone slabs of drains and pointing in cm (1:3) etc complete as per specifications and directions of Engineer in charge of the work						
	This Qty is Recorded in Premeasurements in this MB, Vide Page no: 494780/2 to 494781 as		428.22			m² @ Rate € 71.20 /m²	
(3)	Providing granite slabs of selected Quality roughly dressed having size of 7.5 cm thick and fixed in cement matar (1:6) including fixing curing etc, complete as per specifications and directions of Engineer In charge of the work.						
	This Qty is Recorded in Premeasurements in this MB, Vide Page no: 494781/2 to 494782 as		98.82			@ Rate € 623/m²	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4)	Providing and co of size 400x150x2 having a minimum 2185 (part) 2005 c cost of all materia of all materials, a of the work. This no: 494782 to 49

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
		pairs and pointing in cm (1:3) etc	
		ong of Engineer in charge of the work	
		ements in this MB, Vide page	
		@ Rate ₹ 71.20/m²	
		Quality roughly dressed having	
		ment mortar (1:6) including fixing	
		ns and directions of Engineer	
		ements in this MB, Vide page	
		Rate ₹ 623/m²	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494702

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4)	Providing and constructing load bearing wall with solid concrete blocks of size 400×150×200 mm having block density not less than 1800 kg/m³ and having a minimum average compressive strength 5.0 N/mm² confroming to IS 2185 (part) 2005 and constructed with cm 1:4 as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing etc complete ~~of all materials~~, as per specifications and directions of Engineer incharge of the work. This Qty is Recorded in fremeasurements in This MB Vide page no: 494782 to 494783 as 488.00 m² @ Rate Rs 801/m²						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 m^3 and fine aggregates @ 0.459 m^3, machine mixed concrete laid in layers not exceeding 15 cms. thick well compacted in foundation, plinth and sills including cost of all materials, labour Hire of machinery, curing etc complete as per specifications and directions of Engineer in charge of the work. This Qty is Recorded in Premeasurements in this MB, Vide page no: 494783 to 494785 as 51.85 m^3 @ Rate Rs 5840.0/m^3						
6)	Providing Precast slab of 100 mm thick including cost of all materials labour, curing, transportation, loading, unloading etc, complete as per specifications and direction of Engineer In Charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	Main Road C&F.C L/S R/S 15/09	350 25 210 210
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97 Qty is Rate ₹ 1602.00	hi

	Contents	*Reference to last Measurement
pth 6	7	8
	ent concrete of mix 1:2:4 e graded granite metal 0.459 m³, machine mixed concrete mpacted in foundation, plinth ons of machinery, curing etc ef Engineer in charge of the	
	s in this MB, Vide page no: s 5840.0/m³	
	ing cost of all materials nding etc, complete as per arge of the work.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494703

No. ..... From ..... To .....

of Work .....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Main Road	350×1	0.90	0.60	–	189.00	m²
R/S	250×1	0.90	0.60	–	135.00	-"-
	210×1	0.90	0.60	–	113.40	-"-
	210×1	0.90	0.60	–	113.40	-"-
				Total	550.80	Sq.mt

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Qty is limited to as per schedule 'B' Qty as 549.00 m² @

Rate ₹ 1602.00/Sq.mt.

41.40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Providing and fixing pre cast solid cement concrete Kerb stones made out of CC 1:2:4 with top and Bottom width 114 and 165 mm respectively 400 mm high and 450 mm in length finished with cm 1:3 plastering and finishing cutting including form work curing, including cost of materials, labour charges of machinery loading and unloading Lead and lift transportation etc. complete.						
		350×1	—	—	—	350.00	Nos
		250×1	—	—	—	250.00	-11-
		210×1	—	—	—	210.00	-11-
		210×1	—	—	—	210.00	-11-
		112.0×1	—	—	—	112.00	-11-
		122.0×1	—	—	—	122.00	-11-
						Total = 1354.00	Nos

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

30/7/2018

284-80

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(8)	Providing and apply cement sheet/ plastered cleaning of oil grease cost of materials, lab Engineer in Charge of Kerb stone painting Ls

BOOK

ons		Contents	*Reference to last Measurement
readth 5	Depth 6	7	8
d cement concrete Kerb stones			
Bottom width 114 and 165 mm			
in length finished with cm 1:3			
ding form work curing, including			
machinery loading and unloading			
plete.			
—	—	350.00	Nos
—	—	250.00	-11-
—	—	210.00	-11-
—	—	210.00	-11-
—	—	112.00	-11-
—	—	122.00	-11-
1-80		Total = 1353.00 Nos	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494704

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(8)	Providing and applying ready mix priming coat over concrete/masonry/Asbestos cement sheet/plastered surfaces including preparing the surface after thoroughly cleaning of oil grease, dirt and other foreign matter and sand papering including cost of materials, labour etc complete as per specifications and directions of Engineer in charge of the work.						
	Kerb stone painting	1x1	30.0	—	0.35	10.5	m^2
	4s	1x1	30.0	—	0.38	11.40	-11-
		1x1	30.0	—	0.30	9.00	-11-
		1x1	30.0	—	0.35	10.50	-11-
						41.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth	41.40	
1	2	3	4	5	6	7	8
		2×1	30.0	—	0.35	21.00	m^2
		2×1	30.0	—	0.35	21.00	〃
		2×1	30.0	—	0.38	22.80	〃
		1×1	30.0	—	0.35	10.80	〃
	R/s	1×1	30.0	—	0.35	10.80	〃
		1×1	30.0	—	0.30	9.00	〃
		1×1	30.0	—	0.32	9.60	〃
		3×1	30.0	—	0.35	31.50	〃
		1×1	25.0	—	0.35	8.75	〃
		1×1	30.0	—	0.30	9.00	〃
		1×1	30.0	—	0.35	10.50	〃
		1×1	30.0	—	0.30	9.00	〃
						234.05	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	3/8/2018 AE	1×1 3×
	∴ This Qty is limite Per sq.mts.	
(9)	Providing and applying over concrete/masonry/A	

OK

Depth 6	Contents 41.40 7	Reference to last Measurement 8
.35	21.00	m^2
.35	21.00	-"-
.38	22.80	-"-
.35	10.80	-"-
.35	10.80	-"-
.30	9.00	-"-
.32	9.60	-"-
.35	31.50	-"-
.35	8.75	-"-
.30	9.00	-"-
.35	10.50	-"-
.30	9.00	-"-
	234.05	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494705

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 234.05 7	Reference to last Measurement 8
		1x1	30.0	-	0.32	9.60	m^2
		3x1	30.0	-	0.35	31.50	-"-
					Total	275.15	m^2
					@ 26.70,		
	∴ This Qty is limited to as per Schedule 'B' Qty as 274.50 m^2 @ Rate Rs 26.70 Per Sq.mts.						
	(9) Providing and applying spray painting in two coats (excluding priming coat) over concrete/masonry/Asbestos cement sheet/plastered surfaces with flat wall paint						

AE 3/8/2018

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter and sand papering including cost of materials, labour etc, complete as per specifications and directions of Engineer in charge of the work.						
	The Qty is same as recorded in Item No (8) in this MB, vide page no: 494704 to 494705, as 274.50 m^2						
	5/8/2018						
	@ 66.75,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
SL No	Items
1)	Earthwork Excavation
2)	Removing and Refixing stone slabs
3)	Providing granite slabs.
4)	Solid Block Masonry 400x150x200mm

OOK

Depth 6	Contents 7	*Reference to last Measurement 8
ter cleaning the surface of nd papering including cost ications and directions of Engineer		
em No (8) in this MB, vide 50 m²		
66.75,		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494706

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ABSTRACT STATEMENT						
Sl No	Items	Unit	Foom	To	Qty	Rate	Amount in €
1)	Earthwork Excavation	m³			123.52	178.00	21987.00
2)	Removing and Refixing stone slabs	m²			428.22	71.20	30489.00
3)	Providing granite slabs.	m²			98.82	623.00	61565=00 6102
4)	Solid Block Masonry 400x150x200mm	m			488.0	801.00	390888=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	PCC 1:2:4	m^3	–	–	51.85	5340.00	276879=00
6)	RCC slab 100mm thick	m^2	–	–	549.0	1602.00	879498=00
7)	Kerb stones.	~~1350~~ No.	–	–	135~~2~~.0 ~~284.80~~	284.80	385619- ~~385335=00~~
8	Primer Coat	m^2	–	–	274.50	26.70	7329=00
9)	Paint in Two Coats	m^2	–	–	274.50	66.750	18323=00
						Total : ~~20,72295=00~~ Rs: 20,72,576-	

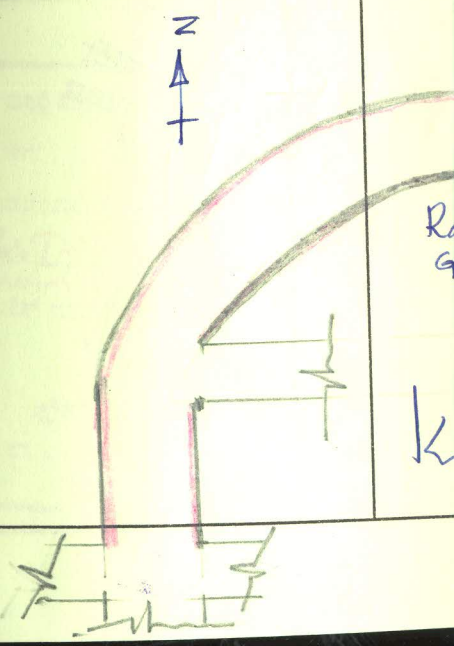
(Twenty Lakhs seventy two thousand Two hundred Ninety five only.)

AE. 5/9/2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3



BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
	51.85	5340.00	276879=00
	549.0	1602.00	879498=00
	1351.0		385619-
	~~284.80~~	284.80	~~385335=00~~
	274.50	26.70	7329=00
	274.50	66.750	18323=00
		Total :	~~20,72,295=00~~ Rs. 20,72,576-

(Two hundred Ninety five only.)

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

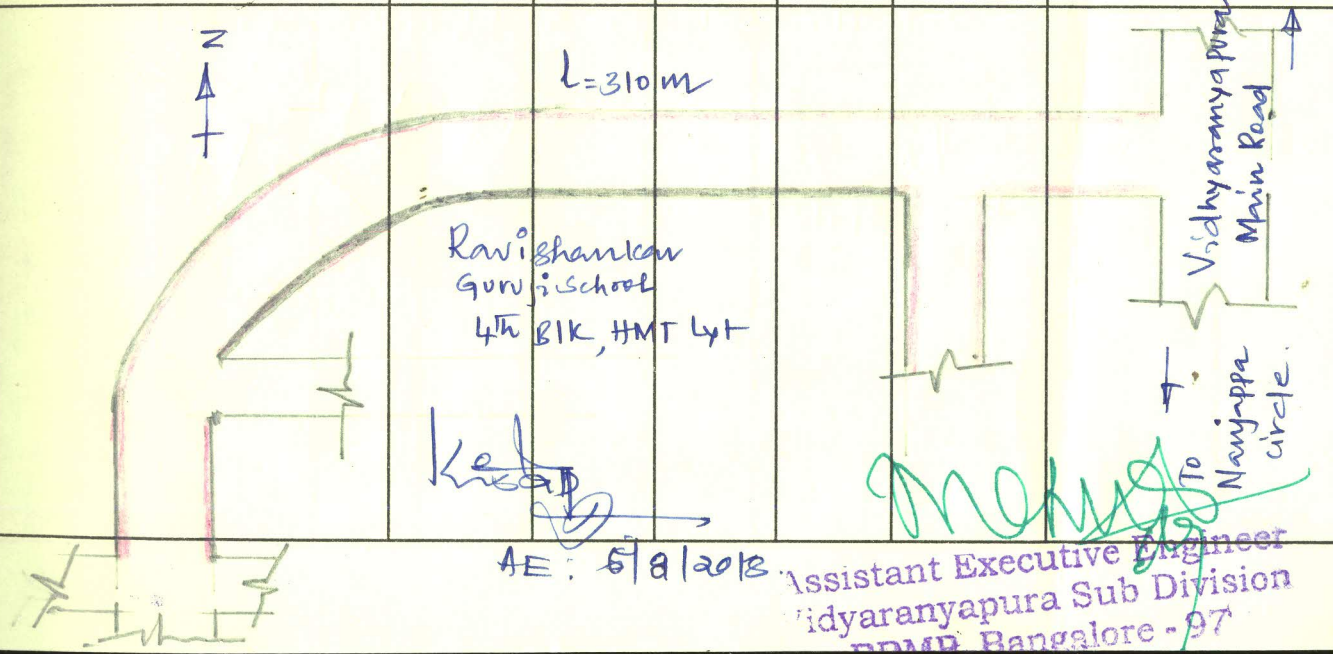
Serial No. .....

Name of Work ..... From..... To..... 494707

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			L=310 m				



AE: 6/9/2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificates:- 1) The contractor has done the work satisfactory. 2) The contractor has remove the debris from work spot AE 6/8/2018 Assistant Executive Engineer Vidyaranyapura N.R. Division BBMP, Bangalore-97						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 2072 ಗಣ[illegible] ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 6 ಹೊರಪಾಡಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬ 20 Rs Twenty lakh, eight hundred thirty two only. ನಿವ್ವ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ 15/9 ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 15/9

Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494708

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total Rs.	20,72,576-00	
					GT-	20726-00	
					CM-	20726-00	
					CBF-	2073-00	
					LR-	20519-00	
					Adju.	64044-00	
					Charges	20,08,532-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 2072576-00
ಗಳಿಕೆ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 64044-00
ಹೊರಮಾಡಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 2008532-00
Rs Twenty lakh, eight thousand five hundred thirty two only.
ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿ 15/9

15/09

15/9